

What is claimed is:

1. An iontophoresis system comprising: a power supply apparatus having a chargeable battery and a plurality of output terminals; and a preparation which administers a drug percutaneously or transmucosally, being connected to the output terminals of said power supply apparatus, wherein at least one of the output terminals of said power supply apparatus also serves as a charge terminal for charging said battery.
2. The iontophoresis system according to claim 1, wherein said battery is a secondary lithium battery.
3. An iontophoresis power supply apparatus comprising a chargeable battery, a plurality of output terminals for outputting electric energy from said battery, and a charge terminal for charging said battery, wherein at least one of said output terminals also serves as said charge terminal.
4. The iontophoresis power supply apparatus according to claim 3, further comprising a power supply monitoring portion monitoring a voltage of said battery and giving a warning when said battery voltage becomes a predetermined value or lower.
- 20 5. The iontophoresis power supply apparatus according to claims 3 or 4, further comprising a control portion for controlling power supply of electric energy outputted from said output terminal, wherein said control portion records a power supply state of said electric energy.
- 25 6. The iontophoresis power supply apparatus according to claim 5, wherein said control portion externally takes a program for power supply control of said electric energy.
7. An iontophoresis charger for charging a battery of an

iontophoresis power supply apparatus, said iontophoresis charger comprising an operational check portion for inputting a power supply record of the electric energy outputted from said power supply apparatus and for performing operational check of said power supply apparatus based on said power supply record.

8. The iontophoresis charger according to claim 7, further comprising a display portion for displaying said power supply record.

9. The iontophoresis charger according to claims 7 or 8, further comprising a program storage portion which stores a program for power supply control of electric energy employed in said power supply apparatus.